Math worksheet on *'Probability Calculation - nCm No Multiplication Over Single (Level 1)'*. Part of a bro *'Probability and Statistics - Permutations and Co Calculating - Intro'*

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1 What is the value of this probability expression?

$$\frac{({}_6C_6)\cdot({}_5C_4)}{{}_5C_2}$$

a $\frac{1}{50}$ b $\frac{1}{10}$ c 1

d $\frac{1}{3}$ e $\frac{1}{2}$

2 What is the value of this probability expression?

$$\frac{({}_4C_3)\cdot({}_5C_5)}{{}_6C_5}$$

a $\frac{2}{3}$ b $\frac{1}{4}$ c $\frac{10}{3}$

d $\frac{1}{9}$ e 1

3 What is the value of this probability expression?

$$\frac{({}_6C_5)\cdot({}_6C_6)}{{}_3C_3}$$

a 6 b $\frac{3}{2}$ c $\frac{6}{5}$

d 1

4 What is the value of this probability expression?

$$\frac{({}_3C_3)\cdot({}_6C_2)}{{}_6C_5}$$

a $\frac{5}{2}$ b 15 c $\frac{1}{6}$

d 1 e $\frac{15}{2}$

5 What is the value of this probability expression?

$$\frac{({}_6C_5)\cdot({}_6C_6)}{{}_5C_2}$$

a 6 b $\frac{3}{5}$ c $\frac{6}{5}$

d $\frac{1}{10}$ e $\frac{3}{20}$

6 What is the value of this probability expression?

$$\frac{({}_6C_5)\cdot({}_2C_2)}{{}_5C_5}$$

a $\frac{1}{5}$ b 15 c 1

d 6

7 What is the value of this probability expression?

$$\frac{({}_3C_3)\cdot({}_3C_3)}{{}_6C_5}$$

a 1 b $\frac{1}{90}$ c $\frac{1}{6}$

d $\frac{1}{15}$